

Serial No. 09/977,330

Amendment After Final dated February 24, 2005

In Reply of Office Action dated November 24, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1(currently amended). A method of making a new dental prosthetic from an existing dental prosthetic, comprising the steps of:

- a) providing an existing dental prosthetic;
- b) providing a mold having a bottom half and a top half, the bottom half including a side wall, a closed bottom and an open top face for mating with the top half, the top half including a further side wall, a partially open bottom face for mating with the open top face of the bottom half, and a partially open top;
- c) partially filling the bottom half of the mold with a **hydrocolloid** ~~first~~ molding material;
- d) placing a first portion of the existing denture in the **hydrocolloid** ~~first~~ molding material disposed in the bottom half;

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e) placing the top half of the mold on the bottom half of the mold; and

f) providing a dental stone ~~second material~~; and

g) covering a portion of the hydrocolloid ~~first~~ material and a further portion of the existing denture with the dental stone ~~second material~~.

2(currently amended). A method as in claim 1, wherein:

a) the step of providing the dental stone ~~second material~~ includes adding the dental stone ~~second material~~ through the partially open top and through the partially open bottom face of the top half.

3(currently amended). A method as in claim 1, wherein:

a) the hydrocolloid ~~first~~ material includes an alginate.

4(currently amended). A method as in claim 2 ~~1~~, wherein:

a) the hydrocolloid ~~second~~ material includes a alginate ~~dental stone~~.

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5(original). A method as in claim 1, wherein:

a) the first portion of the existing dental prosthetic includes a tooth.

6(original). A method as in claim 1, wherein:

a) the second portion of the existing dental prosthetic includes a portion of a jaw side of a dental prosthetic.

7(original). A method as in claim 1, wherein:

a) a locking device is provided for attaching the top half of the mold to the bottom half.

8(original). A method as in claim 7, wherein:

a) a locking device detachably attaches the top half to the bottom half.

9(original). A method as in claim 7, wherein:

a) the locking device permanently attaches the top half to the bottom half.

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10(currently amended). A method as in claim 1, further comprising the steps of:

- a) allowing the hydrocolloid ~~first and second~~ material and the dental stone to harden;
- b) removing the dental prosthetic from the hydrocolloid ~~first and second~~ material and the dental stone;
- c) using the hardened hydrocolloid material and the dental stone ~~first and second materials~~ to form a negative of the existing dental prosthetic; and
- d) using the negative of the existing dental prosthetic to make a positive of a new dental prosthetic.

11(original). A method as in claim 10, further comprising the step of:

- a) making corrections to the existing dental prosthetic prior to making the negative.

12-21(cancelled).

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22(currently amended). A method of making a new dental prosthetic from an existing dental prosthetic, comprising the steps of:

- a) providing an existing dental prosthetic;
- b) providing a mold having a bottom half and a top half, the bottom half including a tapered side wall, a closed bottom and an open top face for mating with the top half, the top half including a further tapered side wall, a partially open bottom face for mating with the open top face of the bottom half, and a partially open top;
- c) partially filling the bottom half of the mold with a hydrocolloid ~~a first molding material~~;
- d) placing a first portion of the existing denture in the hydrocolloid ~~first molding material~~ disposed in the bottom half;
- e) placing the top half of the mold on the bottom half of the mold; and
- f) providing a dental stone ~~second material~~; and

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g) covering a portion of the hydrocolloid first material and a further portion of the existing denture with the dental stone second material.

23(currently amended). A method as in claim 22, wherein:

a) the step of providing the dental stone second material includes adding the dental stone second material through the partially open top and through the partially open bottom face of the top half.

24(currently amended). A method as in claim 22, wherein:

a) the hydrocolloid first material includes an alginate.

25(cancelled).

26(previously presented). A method as in claim 22, wherein:

a) the first portion of the existing dental prosthetic includes a tooth.

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27(previously presented). A method as in claim 22,
wherein:

a) the second portion of the existing dental
prosthetic includes a portion of a jaw side of a dental
prosthetic.

28(previously presented). A method as in claim 22,
wherein:

a) a locking device is provided for attaching the
top half of the mold to the bottom half.

29(previously presented). A method as in claim 22,
wherein:

a) a locking device detachably attaches the top half
to the bottom half.

30(currently amended). A method as in claim 22, further
comprising the steps of:

a) allowing the hydrocolloid and the dental stone
~~first and second material~~ to harden;

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b) removing the dental prosthetic from the hardened hydrocolloid and dental stone ~~first and second material~~;

c) using the hardened hydrocolloid and the dental stone ~~first and second materials~~ to form a negative of the existing dental prosthetic; and

d) using the negative of the existing dental prosthetic to make a positive of a new dental prosthetic.

31 (previously presented). A method as in claim 22, further comprising the step of:

a) making corrections to the existing dental prosthetic prior to making the negative.